

Connecting via Winsock to Dialog

Logging in to Dialog

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

ENTER PASSWORD:

Welcome to DIALOG

Dialog level 02.11.17D

Last logoff: 13dec02 14:21:19

Logon file405 17dec02 15:18:08

*** ANNOUNCEMENT ***

–File 515 D&B Dun's Electronic Business Directory is now online completely updated and redesigned. For details, see HELP NEWS 515.

–File 990 - NewsRoom now contains May 2002 to present records.

File 993 - NewsRoom archive contains 2002 records from January 2002-April 2002. To search all 2002 records, BEGIN 990,993 or B NEWS2002.

–Alerts have been enhanced to allow a single Alert profile to be stored and run against multiple files. Duplicate removal is available across files and for up to 12 months. The Alert may be run according to the file's update frequency or according to a custom calendar-based schedule. There are no additional prices for these enhanced features. See HELP ALERT for more information.

–U.S. Patents Fulltext (File 654) has been redesigned with new search and display features. See HELP NEWS 654 for information.

–Connect Time joins DialUnits as pricing options on Dialog. See HELP CONNECT for information.

–CLAIMS/US Patents (Files 340,341, 942) have been enhanced with both application and grant publication level in a single record. See HELP NEWS 340 for information.

--SourceOne patents are now delivered to your email inbox as PDF replacing TIFF delivery. See HELP SOURCE1 for more information.

--Important news for public and academic libraries. See HELP LIBRARY for more information.

–Important Notice to Freelance Authors-- See HELP FREELANCE for more information

For information about the access to file 43 please see Help News43.

NEW FILES RELEASED

***Dialog NewsRoom - Current 3-4 months (File 990)

***Dialog NewsRoom - 2002 Archive (File 993)

***Dialog NewsRoom - 2001 Archive (File 994)

***Dialog NewsRoom - 2000 Archive (File 995)
***TRADEMARKSCAN-Finland (File 679)
***TRADEMARKSCAN-Norway (File 678)
***TRADEMARKSCAN-Sweden (File 675)

UPDATING RESUMED

***Delphes European Business (File 481)

RELOADED

***D&B Dun's Electronic Business Directory (File 515)
***U.S. Patents Fulltext 1976-current (File 654)
***Population Demographics (File 581)
***Kompass Western Europe (File 590)
***D&B - Dun's Market Identifiers (File 516)

REMOVED

CSA Files:

***Abstracts in New Technologies and Engineering (File 238)
***Aerospace Database (File 108)
***Aluminium Industry Abstracts (File 33)
***Applied Social Sciences Index and Abstracts (File 232)
***Aquatic Sciences and Fisheries Abstracts (File 44)
***ARTbibliographies Modern (File 56)
***Ceramic Abstracts (File 335)
***Conference Papers Index (File 77)
***Engineered Materials Abstracts (File 293)
***ISMEC: Mechanical Engineering Abstracts (File 14)
***Life Sciences Collection (File 76)
***Linguistics and Language Behavior Abstracts (File 36)
***LISA (Library & Information Science Abstracts) (File 61)
***Materials Business File (File 269)
***METADEX: Metals Science (File 32)
***Oceanic Abstracts (File 28)
***Pollution Abstracts (File 41)
***Sociological Abstracts (File 37)
***Water Resources Abstracts (File 117)

Other files:

***Chicago Tribune (File 632)
***Fort Lauderdale Sun Sentinel (File 497)
***The Orlando Sentinel (File 705)
***Newport News Daily Press (File 747)
***U.S. Patents Fulltext 1980-1989 (File 653)
***Washington Post (File 146)
***Books in Print (File 470)
***Court Filings (File 793)
***Publishers, Distributors & Wholesalers of the U.S. (File 450)
***State Tax Today (File 791)
***Tax Notes Today (File 790)
***Worldwide Tax Daily (File 792)

New document supplier

IMED has been changed to INFOTRIE (see HELP OINFOTRI)

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
>>> of new databases, price changes, etc. <<<

* ***

**

SYSTEM:HOME

Cost is in DialUnits

Menu System II: D2 version 1.7.8 term=ASCII

*** DIALOG HOMEBASE(SM) Main Menu ***

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

(c) 2000 The Dialog Corporation plc All rights reserved.

/H = Help /L = Logoff /NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

? b 410

17dec02 15:18:09 User268147 Session D27.1
\$0.00 0.164 DialUnits FileHomeBase
\$0.00 Estimated cost FileHomeBase
\$0.00 Estimated cost this search
\$0.00 Estimated total session cost 0.164 DialUnits

File 410:Chronolog(R) 1981-2002/Nov

(c) 2002 The Dialog Corporation

Set Items Description

? set hi %%%;set hi %%%
HIGHLIGHT set on as "
HIGHLIGHT set on as "
? b 5, 34, 155, 172
17dec02 15:18:46 User268147 Session D27.2
\$0.00 0.072 DialUnits File410
\$0.00 Estimated cost File410
\$0.13 TELNET
\$0.13 Estimated cost this search
\$0.13 Estimated total session cost 0.236 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2002/Dec W2

(c) 2002 BIOSIS

*File 5: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 34:SciSearch(R) Cited Ref Sci 1990-2002/Dec W3

(c) 2002 Inst for Sci Info

*File 34: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 155: MEDLINE(R) 1966-2002/Nov W3

*File 155: For updating information please see Help News155. Alert feature enhanced with customized scheduling. See HELP ALERT.

File 172:EMBASE Alert 2002/Dec W3

(c) 2002 Elsevier Science B.V.

Set Items Description

? s collagen or albumin or fibrinogen or fibronectin or vitronectin or laminin

234074 COLLAGEN
224748 ALBUMIN
78091 FIBRINOGEN
65736 FIBRONECTIN
10015 VITRONECTIN
39466 LAMININ
S1 586041 COLLAGEN OR ALBUMIN OR FIBRINOGEN OR FIBRONECTIN OR
VITRONECTIN OR LAMININ
? s "hyaluronic acid" or dextran or "chondroitin sulfate" or "dermatan sulfate" or keratan sulfate"
>>>Warning: unmatched quote found
9391 HYALURONIC ACID
50089 DEXTRAN
2592 CHONDROITIN SULFATE
2798 DERMATAN SULFATE
0 KERATAN SULFATE"
S2 63745 "HYALURONIC ACID" OR DEXTRAN OR "CHONDROITIN SULFATE" OR
"DERMATAN SULFATE" OR KERATAN SULFATE"
? s "HYALURONIC ACID" OR DEXTRAN OR "CHONDROITIN SULFATE" Or "DERMATAN SULFATE" OR
"KERATAN SULFATE"
9391 HYALURONIC ACID
50089 DEXTRAN
2592 CHONDROITIN SULFATE
2798 DERMATAN SULFATE
1743 KERATAN SULFATE
S3 65043 "HYALURONIC ACID" OR DEXTRAN OR "CHONDROITIN SULFATE" OR
"DERMATAN SULFATE" OR "KERATAN SULFATE"
? s heparin or "heparan sulfate" or chitosan or chitin or alginate
136279 HEPARIN
2608 HEPARAN SULFATE
8860 CHITOSAN
0 CHITIN OT ALGINATE
S4 146602 HEPARIN OR "HEPARAN SULFATE" OR CHITOSAN OR CHITIN OT
ALGINATE
? s s3 or s4
65043 S3
146602 S4
S5 205805 S3 OR S4
? s crosslink? or cross-link?
42525 CROSSLINK?
29937 CROSS-LINK?
S6 66218 CROSSLINK? OR CROSS-LINK?
? s layer?
S7 714040 LAYER?
? s pore? or porous? or poros?
105509 PORE?
78437 POROUS?
36327 POROS?
S8 192339 PORE? OR POROUS? OR POROS?
? s dense or density or micron?
133950 DENSE
928759 DENSITY
89881 MICRON?
S9 1121342 DENSE OR DENSITY OR MICRON?
? s collagen and (hyaluronate or "hyaluronic acid")
234074 COLLAGEN
6809 HYALURONATE
9391 HYALURONIC ACID
S10 1502 COLLAGEN AND (HYALURONATE OR "HYALURONIC ACID")
? s aldehyd?
S11 82282 ALDEHYD?
? s "divinyl sulfone"
S12 52 "DIVINYL SULFONE"

? ds

Set Items Description

S1 586041 COLLAGEN OR ALBUMIN OR FIBRINOGEN OR FIBRONECTIN OR VITRON-
ECTIN OR LAMININ

S2 63745 "HYALURONIC ACID" OR DEXTRAN OR "CHONDROITIN SULFATE" OR "-
DERMATAN SULFATE" OR KERATAN SULFATE"

S3 65043 "HYALURONIC ACID" OR DEXTRAN OR "CHONDROITIN SULFATE" OR "-
DERMATAN SULFATE" OR "KERATAN SULFATE"

S4 146602 HEPARIN OR "HEPARAN SULFATE" OR CHITOSAN OR CHITIN OT ALGI-
NATE

S5 205805 S3 OR S4

S6 66218 CROSSLINK? OR CROSS-LINK?

S7 714040 LAYER?

S8 192339 PORE? OR POROUS? OR POROS?

S9 1121342 DENSE OR DENSITY OR MICRON?

S10 1502 COLLAGEN AND (HYALURONATE OR "HYALURONIC ACID")

S11 82282 ALDEHYD?

S12 52 "DIVINYL SULFONE"

? s s1 and s5

586041 S1

205805 S5

S13 22857 S1 AND S5

? ds

Set Items Description

S1 586041 COLLAGEN OR ALBUMIN OR FIBRINOGEN OR FIBRONECTIN OR VITRON-
ECTIN OR LAMININ

S2 63745 "HYALURONIC ACID" OR DEXTRAN OR "CHONDROITIN SULFATE" OR "-
DERMATAN SULFATE" OR KERATAN SULFATE"

S3 65043 "HYALURONIC ACID" OR DEXTRAN OR "CHONDROITIN SULFATE" OR "-
DERMATAN SULFATE" OR "KERATAN SULFATE"

S4 146602 HEPARIN OR "HEPARAN SULFATE" OR CHITOSAN OR CHITIN OT ALGI-
NATE

S5 205805 S3 OR S4

S6 66218 CROSSLINK? OR CROSS-LINK?

S7 714040 LAYER?

S8 192339 PORE? OR POROUS? OR POROS?

S9 1121342 DENSE OR DENSITY OR MICRON?

S10 1502 COLLAGEN AND (HYALURONATE OR "HYALURONIC ACID")

S11 82282 ALDEHYD?

S12 52 "DIVINYL SULFONE"

S13 22857 S1 AND S5

? s s13 and s6 and s6=7

>>>One or more prefixes are unsupported

>>> or undefined in one or more files.

22857 S13

66218 S6

0 S6=7

S14 0 S13 AND S6 AND S6=7

? s s13 and s6 and s7

22857 S13

66218 S6

714040 S7

S15 25 S13 AND S6 AND S7

? type s15/free/all

15/8/1 (Item 1 from file: 5)

13794238 BIOSIS NO.: 200200423059

Crosslinked type II collagen matrices: Preparation,
characterization, and potential for cartilage engineering.

2002

15/8/2 (Item 2 from file: 5)
13631059 BIOSIS NO.: 200200259880
Perfusion of medium improves growth of human oral neomucosal tissue constructs.
2001

15/8/3 (Item 3 from file: 5)
12750548 BIOSIS NO.: 200000504171
Control of molecular weight cut-off for immunoisolation by multilayering glycol chitosan-alginate polyion complex on alginate-based microcapsules.
2000

15/8/4 (Item 4 from file: 5)
12563146 BIOSIS NO.: 200000316648
Albumin and heparin multilayer coatings for blood-contacting medical devices.
2000

15/8/5 (Item 5 from file: 5)
12524047 BIOSIS NO.: 200000277549
Biodegradable particulate vector for transporting molecules having biological activity.
1999

15/8/6 (Item 6 from file: 5)
12369723 BIOSIS NO.: 200000123225
GAG-augmented polysaccharide hydrogel: A novel biocompatible and biodegradable material to support chondrogenesis.
2000

15/8/7 (Item 7 from file: 5)
11379888 BIOSIS NO.: 199800161220
Effectiveness of fructose-modified chitosan as a scaffold for hepatocyte attachment.
1997

15/8/8 (Item 8 from file: 5)
10283344 BIOSIS NO.: 199698738262
Properties of collagen and hyaluronic acid composite materials and their modification by chemical crosslinking.
1996

15/8/9 (Item 1 from file: 34)
DIALOG(R)File 34:(c) 2002 Inst for Sci Info. All rts. reserv.
09077276 Genuine Article#: 364JK Number of References: 4
Title: Preparation and characterization of monosized cross-linked PMMA resins with hydrophilic surface (ABSTRACT AVAILABLE)
Publication date: 20001000
Journal Subject Category: POLYMER SCIENCE
Descriptors-Author Keywords: monosized beads ; resin with hydrophilic surface ; HPLC packings

Identifiers-KeyWord Plus(R): SEPARATION MEDIA; CHROMATOGRAPHY

15/8/10 (Item 2 from file: 34)
DIALOG(R)File 34:(c) 2002 Inst for Sci Info. All rts. reserv.

09076656 Genuine Article#: 364FT Number of References: 16
Title: Control of molecular weight cut-off for immunoisolation by
multilayering glycol chitosan-alginate polyion complex on
alginate-based microcapsules (ABSTRACT AVAILABLE)
Publication date: 20001100
Journal Subject Category: PHARMACOLOGY & PHARMACY; CHEMISTRY, APPLIED;
ENGINEERING, CHEMICAL
Descriptors-Author Keywords: glycol chitosan ; multilayered polyion
complex ; microencapsulation ; immunoisolation ; bioartificial pancreas
Identifiers-KeyWord Plus(R): ISLETS; ENCAPSULATION; MICROENCAPSULATION;
MEMBRANE; CELL; RAT

15/8/11 (Item 3 from file: 34)
DIALOG(R)File 34:(c) 2002 Inst for Sci Info. All rts. reserv.

08703910 Genuine Article#: 319EV Number of References: 31
Title: Albumin and heparin multilayer coatings for
blood-contacting medical devices (ABSTRACT AVAILABLE)
Publication date: 20000800
Journal Subject Category: MATERIALS SCIENCE, BIOMATERIALS; ENGINEERING,
BIOMEDICAL
Descriptors-Author Keywords: albumin-heparin multilayer
coatings ; in vivo durability ; adsorption of plasma proteins ;
interaction with platelets
Identifiers-KeyWord Plus(R): PLATELET ACTIVATION; IMMOBILIZED
HEPARIN; ADSORPTION; SURFACES; COAGULATION; FIBRINOGEN;
MODULATION; PROTEINS; BINDING

15/8/12 (Item 4 from file: 34)
DIALOG(R)File 34:(c) 2002 Inst for Sci Info. All rts. reserv.

08310441 Genuine Article#: 270AE Number of References: 41
Title: GAG-augmented polysaccharide hydrogel: A novel biocompatible and
biodegradable material to support chondrogenesis (ABSTRACT AVAILABLE)
Publication date: 19990315
Journal Subject Category: MATERIALS SCIENCE, BIOMATERIALS; ENGINEERING,
BIOMEDICAL
Descriptors-Author Keywords: tissue engineering ; biomaterial ; articular
chondrocyte ; chitosan ; cell biomaterial interaction
Identifiers-KeyWord Plus(R): ARTICULAR-CARTILAGE DEFECTS; IN-VITRO;
OSTEOCHONDRAL DEFECTS; CANINE CHONDROCYTES; COLLAGEN TYPE;
REPAIR; MATRIX; CHITOSAN; CULTURE; IMPLANTS

15/8/13 (Item 5 from file: 34)
DIALOG(R)File 34:(c) 2002 Inst for Sci Info. All rts. reserv.

07785706 Genuine Article#: 208GE Number of References: 16
Title: The detection of human beta(2)-microglobulin by grating coupler
immunosensor with three dimensional antibody networks (ABSTRACT
AVAILABLE)
Publication date: 19990430
Journal Subject Category: BIOTECHNOLOGY & APPLIED MICROBIOLOGY; BIOPHYSICS
Descriptors-Author Keywords: grating coupler ; immunosensors ; antibody

immobilisation ; multilayer assemblies
Identifiers-KeyWord Plus(R): ADSORPTION; POLYELECTROLYTES; INTERFEROMETER;
SURFACES; ALBUMIN; HEPARIN

15/8/14 (Item 6 from file: 34)
DIALOG(R)File 34:(c) 2002 Inst for Sci Info. All rts. reserv.

06372141 Genuine Article#: YM866 Number of References: 21
Title: Effectiveness of fructose-modified chitosan as a scaffold for
hepatocyte attachment (ABSTRACT AVAILABLE)
Publication date: 19971200
Journal Subject Category: PHARMACOLOGY & PHARMACY
Descriptors-Author Keywords: chitosan ; bioartificial liver ;
cytochrome P450 ; hepatocyte
Identifiers-KeyWord Plus(R): CALCIUM ALGINATE; RAT HEPATOCYTES; CULTURE;
LIVER; SECRETION

15/8/15 (Item 7 from file: 34)
DIALOG(R)File 34:(c) 2002 Inst for Sci Info. All rts. reserv.

05612977 Genuine Article#: WL071 Number of References: 15
Title: Enhanced vascularization in a microporous polyurethane graft
impregnated with basic fibroblast growth factor and heparin (
ABSTRACT AVAILABLE)
Publication date: 19970305
Journal Subject Category: ENGINEERING, BIOMEDICAL; MATERIALS SCIENCE,
BIOMATERIALS
Identifiers-KeyWord Plus(R): EXTRACELLULAR-MATRIX; ENDOTHELIAL-CELLS;
SMOOTH-MUSCLE; INVITRO; ANGIOGENESIS; PROSTHESES; INGROWTH
Research Fronts: 95-1477 001 (CULTURED HUMAN VASCULAR ENDOTHELIAL-CELLS;
ANGIOGENESIS IN-VIVO; TUBE FORMATION; ANCHORAGE-INDEPENDENT GROWTH)
95-2001 001 (BASIC FIBROBLAST GROWTH-FACTOR; VASCULAR SMOOTH-MUSCLE
CELLS; EXPRESSION OF THE BASEMENT-MEMBRANE HEPARAN-SULFATE PROTEOGLYCAN
(PERLECAN))
95-4378 001 (VASCULAR PROSTHESES; HEALING GRAFTS; POLYETHYLENE
GLYCOL-CONJUGATED COLLAGEN MATERIALS)

15/8/16 (Item 8 from file: 34)
DIALOG(R)File 34:(c) 2002 Inst for Sci Info. All rts. reserv.

05390319 Genuine Article#: VV314 Number of References: 30
Title: MULTIPLE ALTERNATING MOLECULAR LAYERS OF ALBUMIN AND
HEPARIN ON SOLID-SURFACES (Abstract Available)
Journal Subject Category: CHEMISTRY, PHYSICAL
Descriptors-Author Keywords: ALBUMIN AND HEPARIN ; ADSORPTION
; MULTILAYER COATINGS
Identifiers-KeyWords Plus: HUMAN-SERUM-ALBUMIN; IMMOBILIZED
HEPARIN; ADSORPTION; PLASMA; PH
Research Fronts: 94-3088 001 (CIRCULAR-DICHROISM SPECTRA; PROTEIN
SECONDARY STRUCTURE; CONFORMATIONAL SWITCH; PEPTIDE FRAGMENT; BOAR LATE
SPERMATID NUCLEI; CD SPECTROSCOPY)
94-5376 001 (BOVINE SERUM-ALBUMIN; COVALENT INTERACTION; POLARITY
SENSITIVE FLUORESCENT REPORTERS FOR PROTEINS)

15/8/17 (Item 9 from file: 34)
DIALOG(R)File 34:(c) 2002 Inst for Sci Info. All rts. reserv.

02684716 Genuine Article#: LW046 Number of References: 20

Title: RECONSTRUCTION OF EPIDERMIS ON A CHITOSAN CROSS-LINKED COLLAGEN-GAG LATTICE - EFFECT OF FIBROBLASTS (Abstract Available)
Journal Subject Category: DERMATOLOGY & VENEREAL DISEASES
Identifiers-KeyWords Plus: HUMAN DERMAL FIBROBLASTS; HUMAN KERATINOCYTE GROWTH; DIFFERENTIATION; INVITRO; EXPRESSION; CELLS; SKIN
Research Fronts: 91-3081 001 (CULTURED KERATINOCYTES; INVITRO RECONSTITUTION OF SKIN; TERMINAL DIFFERENTIATION)

15/8/18 (Item 10 from file: 34)
DIALOG(R)File 34:(c) 2002 Inst for Sci Info. All rts. reserv.

02261017 Genuine Article#: KP198 Number of References: 28
Title: MINERALIZATION OF DENTINAL COLLAGEN SHEETS COMPLEXED WITH ALKALINE-PHOSPHATASE AND INTEGRATION WITH NEWLY FORMED BONE FOLLOWING SUBPERIOSTEAL IMPLANTATION OVER OSSEOUS DEFECTS IN RAT CALVARIA (Abstract Available)
Journal Subject Category: ENDOCRINOLOGY & METABOLISM
Descriptors--Author Keywords: ALKALINE PHOSPHATASE ; BIOMATERIALS ; COLLAGEN ; DENTIN ; HYDROXYAPATITE ; IMPLANTS ; MINERALIZATION ; OSTEOBLAST ; OSTEOGENESIS
Identifiers--KeyWords Plus: MORPHOGENETIC PROTEIN; OSTEOGENIN; FIBRILS; REPAIR
Research Fronts: 91-0105 002 (BASIC FIBROBLAST GROWTH-FACTOR; HEPARIN AUGMENTS OSTEOCLAST RESORPTION-STIMULATING ACTIVITY IN SERUM; DISTINCT EXPRESSION PATTERN)
91-0245 001 (BONE INTEGRATION OF TITANIUM IMPLANTS; POROUS HYDROXYAPATITE; CALCIUM-PHOSPHATE CERAMICS; BONDING BEHAVIOR; BIOACTIVE SURFACE)
91-0861 001 (HYDROXYAPATITE FORMATION; OCTACALCIUM PHOSPHATE; CRYSTAL-GROWTH OF CALCIUM-FLUORIDE; INFRARED SPECTROSCOPIC METHOD; INORGANIC PYROPHOSPHATE)

15/8/19 (Item 1 from file: 155)
DIALOG(R)File 155: MEDLINE(R)

10978983 20515421 PMID: 11063416
Control of molecular weight cut-off for immunoisolation by multilayering glycol chitosan -alginate polyion complex on alginate-based microcapsules.
Nov-Dec 2000
Tags: Animal; Male
Descriptors: *Alginates; *Capsules; *Chitin--analogs and derivatives--AA ; Alginates--chemistry--CH; Artificial Organs; Barium; Biocompatible Materials; Cattle; Cell Survival; Cells, Immobilized; Chitin--chemistry--CH ; Gels; Insulin--secretion--SE; Islets of Langerhans--cytology--CY; Islets of Langerhans--secretion--SE; Molecular Weight; Rats; Rats, Wistar
CAS Registry No.: 0 (Alginates); 0 (Biocompatible Materials); 0 (Capsules); 0 (Gels); 0 (glycol-chitosan); 11061-68-0 (Insulin); 1398-61-4 (Chitin); 7440-39-3 (Barium)

15/8/20 (Item 2 from file: 155)
DIALOG(R)File 155: MEDLINE(R)

10754880 20285381 PMID: 10825225
Albumin and heparin multilayer coatings for blood-contacting medical devices.
Aug 2000
Tags: Animal; Human; Support, Non-U.S. Gov't

Descriptors: Biocompatible Materials; *Blood; *Blood Platelets
-physiology--PH; *Blood Vessel Prosthesis; *Heparin; *Serum
Albumin; Adsorption; Antithrombin III--analysis--AN; Antithrombin
III--chemistry--CH; Enzyme-Linked Immunosorbent Assay; Fibrinogen
-analysis--AN; Fibrinogen--chemistry--CH; Goats; Immunoglobulin G
-analysis--AN; Immunoglobulin G--chemistry--CH; Prosthesis Design
CAS Registry No.: 0 (Biocompatible Materials); 0 (Immunoglobulin G);
0 (Serum Albumin); 9000-94-6 (Antithrombin III); 9001-32-5
(Fibrinogen); 9005-49-6 (Heparin)

15/8/21 (Item 3 from file: 155)
DIALOG(R)File 155: MEDLINE(R)

10553234 20069777 PMID: 10602087

GAG-augmented polysaccharide hydrogel: a novel biocompatible and
biodegradable material to support chondrogenesis.

Mar 15 2000

Tags: Animal; Support, Non-U.S. Gov't
Descriptors: Biocompatible Materials; *Cartilage, Articular--cytology--CY
; *Cartilage, Articular--physiology--PH; *Chitin--analogs and derivatives
-AA; *Chondroitin Sulfates; *Collagen--biosynthesis--BI;
Biocompatible Materials--pharmacology--PD; Biodegradation; Cartilage,
Articular--ultrastructure--UL; Cattle; Cell Division--drug effects--DE;
Cells, Cultured; Fibroblasts--cytology--CY; Kinetics; Metacarpophalangeal
Joint; Microscopy, Electron, Scanning; Polystyrenes; Sulfates--metabolism
-ME; Surface Properties
CAS Registry No.: 0 (Biocompatible Materials); 0 (Polystyrenes); 0
(Sulfates); 1398-61-4 (Chitin); 9007-28-7 (Chondroitin Sulfates);
9007-34-5 (Collagen); 9012-76-4 (poliglusam)

15/8/22 (Item 4 from file: 155)
DIALOG(R)File 155: MEDLINE(R)

09694563 98107795 PMID: 9448106

Effectiveness of fructose-modified chitosan as a scaffold for
hepatocyte attachment.

Dec 1997

Tags: Animal; In Vitro; Male
Descriptors: *Biocompatible Materials--chemistry--CH; *Chitin--analogs
and derivatives--AA; *Fructose--chemistry--CH; *Liver--cytology--CY; Cell
Adhesion--physiology--PH; Cells, Cultured; Chitin--chemistry--CH; Chitin
--pharmacology--PD; Gels; Lactate Dehydrogenase--metabolism--ME; Lidocaine
-urine--UR; Liver--enzymology--EN; Liver--ultrastructure--UL; Microscopy,
Electron; Rats; Rats, Sprague-Dawley; Urea--metabolism--ME
CAS Registry No.: 0 (Biocompatible Materials); 0 (Gels); 137-58-6
(Lidocaine); 1398-61-4 (Chitin); 30237-26-4 (Fructose); 57-13-6
(Urea); 9012-76-4 (poliglusam)
Enzyme No.: EC 1.1.1.27 (Lactate Dehydrogenase)

15/8/23 (Item 5 from file: 155)
DIALOG(R)File 155: MEDLINE(R)

08887163 96231116 PMID: 8698700

Properties of collagen and hyaluronic acid composite materials and
their modification by chemical crosslinking.

Mar 1996

Tags: Animal
Descriptors: Biocompatible Materials--chemistry--CH; *Collagen
-chemistry--CH; *Hyaluronic Acid--chemistry--CH; Achilles Tendon

-chemistry--CH; Cattle; Collagenases--chemistry--CH; Cross-Linking Reagents; Glyoxal--chemistry--CH; Leucine--chemistry--CH; Starch--chemistry--CH

CAS Registry No.: 0 (Biocompatible Materials); 0 (Cross-Linking Reagents); 107-22-2 (Glyoxal); 61-90-5 (Leucine); 9004-61-9 (Hyaluronic Acid); 9005-25-8 (Starch); 9007-34-5 (Collagen)
Enzyme No.: EC 3.4.24.- (Collagenases)

15/8/24 (Item 6 from file: 155)
DIALOG(R)File 155: MEDLINE(R)

07887223 94026071 PMID: 8105612

Reconstruction of epidermis on a chitosan cross-linked collagen-GAG lattice: effect of fibroblasts.

Jun 1993

Tags: Human

Descriptors: *Epidermis--cytology--CY; Cells, Cultured; Chitin--analogs and derivatives--AA; Collagen--analysis--AN; Cross-Linking Reagents; Culture Media; Epidermis--chemistry--CH; Epidermis--ultrastructure--UL; Fibroblasts--cytology--CY; Fibroblasts--ultrastructure--UL; Fibronectins--analysis--AN; Fluorescent Antibody Technique; Glycosaminoglycans; Intermediate Filament Proteins--analysis--AN; Microscopy, Electron; Microscopy, Electron, Scanning; Protein Precursors--analysis--AN

CAS Registry No.: 0 (Cross-Linking Reagents); 0 (Culture Media); 0 (Fibronectins); 0 (Glycosaminoglycans); 0 (Intermediate Filament Proteins); 0 (Protein Precursors); 0 (filaggrin); 1398-61-4 (Chitin); 60108-77-2 (involucrin); 9007-34-5 (Collagen); 9012-76-4 (poliglusam)

15/8/25 (Item 7 from file: 155)
DIALOG(R)File 155: MEDLINE(R)

06850008 91175105 PMID: 2078342

Characterization of skin reconstructed on a chitosan-cross-linked collagen-glycosaminoglycan matrix.

1990

Tags: Animal; Support, Non-U.S. Gov't

Descriptors: *Skin--cytology--CY; Cattle; Cells, Cultured; Chitin--analogs and derivatives--AA; Collagen; Cross-Linking Reagents; Cytological Techniques; Fibroblasts--ultrastructure--UL; Glycosaminoglycans; Keratinocytes--ultrastructure--UL; Microscopy, Electron, Scanning

CAS Registry No.: 0 (Cross-Linking Reagents); 0 (Glycosaminoglycans); 1398-61-4 (Chitin); 9007-34-5 (Collagen); 9012-76-4 (poliglusam)

? ds

Set	Items	Description
S1	586041	COLLAGEN OR ALBUMIN OR FIBRINOGEN OR FIBRONECTIN OR VITRONECTIN OR LAMININ
S2	63745	"HYALURONIC ACID" OR DEXTRAN OR "CHONDROITIN SULFATE" OR "-DERMATAN SULFATE" OR KERATAN SULFATE"
S3	65043	"HYALURONIC ACID" OR DEXTRAN OR "CHONDROITIN SULFATE" OR "-DERMATAN SULFATE" OR "KERATAN SULFATE"
S4	146602	HEPARIN OR "HEPARAN SULFATE" OR CHITOSAN OR CHITIN OR ALGINATE
S5	205805	S3 OR S4
S6	66218	CROSSLINK? OR CROSS-LINK?
S7	714040	LAYER?
S8	192339	PORE? OR POROUS? OR POROS?
S9	1121342	DENSE OR DENSITY OR MICRON?
S10	1502	COLLAGEN AND (HYALURONATE OR "HYALURONIC ACID")

S11 82282 ALDEHYD?
S12 52 "DIVINYL SULFONE"
S13 22857 S1 AND S5
S14 0 S13 AND S6 AND S6=7
S15 25 S13 AND S6 AND S7
? s s13 and s8
22857 S13
192339 S8
S16 405 S13 AND S8
? s s13 and s9
22857 S13
1121342 S9
S17 1502 S13 AND S9
? s s13 and s10
22857 S13
1502 S10
S18 1088 S13 AND S10
? s s13 and s11
22857 S13
82282 S11
S19 60 S13 AND S11
? s s13 and s12
22857 S13
52 S12
S20 1 S13 AND S12
? type free/1/a
>>>'FREE' not recognized as set or accession number
? type s20/free/1

20/8/1 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

(Pronase)

□

THIS PAGE BLANK (USPTO)

25/8/86 (Item 59 from file: 155)
DIALOG(R)File 155: MEDLINE(R)
□

03961389 82232419 PMID: 7093459

The hydrodynamic resistance of hyaluronic acid and its contribution to tissue permeability.

1982

Tags: Human; Support, Non-U.S. Gov't

Descriptors: Hyaluronic Acid; Biomechanics; Capillary Permeability;

Cell Membrane Permeability; Collagen; Diffusion; Glycosaminoglycans;

Models, Biological; Mucoproteins; Pressure; Rheology

CAS Registry No.: 0 (Glycosaminoglycans); 0 (Mucoproteins); 9004-61-9 (Hyaluronic Acid); 9007-34-5 (Collagen)

THIS PAGE BLANK (USPTO)

25/8/87 (Item 60 from file: 155)
DIALOG(R)File 155: MEDLINE(R)
□

03875931 82141421 PMID: 6174476

An ultrastructural study of the complex carbohydrates of the mouse posterior vitreoretinal juncture.

Apr 1982

Tags: Animal; Male; Support, Non-U.S. Gov't

Descriptors: *Carbohydrates--metabolism--ME; *Retina--ultrastructure--UL; *Vitreous Body--ultrastructure--UL; Basement Membrane--metabolism--ME; Basement Membrane--ultrastructure--UL; Histocytology; Hyaluronic Acid--metabolism--ME; Mice; Retina--metabolism--ME; Staining and Labeling; Vitreous Body--metabolism--ME

CAS Registry No.: 0 (Carbohydrates); 9004-61-9 (Hyaluronic Acid)

□

THIS PAGE BLANK (USPTO)

25/8/88 (Item 61 from file: 155)
DIALOG(R)File 155: MEDLINE(R)
□

03566662 81117196 PMID: 7462204

Isolation and characterization of proteodermatansulfate from rat skin.
Dec 1980

Tags: Animal; Female

Descriptors: Chondroitin--analogs and derivatives--AA; * Dermatan Sulfate--analogs and derivatives--AA; *Proteoglycans--analysis--AN; *Skin--analysis--AN; Collagen--isolation and purification--IP; Dermatan Sulfate--analysis--AN; Dermatan Sulfate--isolation and purification--IP; Guanidines; Hyaluronic Acid --isolation and purification--IP; Molecular Weight; Proteins--analysis--AN; Proteoglycans --isolation and purification--IP; Rats; Uronic Acids--analysis--AN
CAS Registry No.: 0 (Guanidines); 0 (Proteins); 0 (Proteoglycans); 0 (Uronic Acids); 0 (proteodermatan sulfate); 24967-94-0 (Dermatan Sulfate); 9004-61-9 (Hyaluronic Acid); 9007-27-6 (Chondroitin); 9007-34-5 (Collagen)

□

□

THIS PAGE BLANK (USPTO)

25/8/89 (Item 62 from file: 155)
DIALOG(R)File 155: MEDLINE(R)
□

02697404 78013997 PMID: 333597

Structure and function of proteoglycans of cartilage and cell-matrix interactions.

1977

Tags: Animal

Descriptors: *Cartilage--cytology--CY; *Proteoglycans--physiology--PH; Binding Sites; Cartilage; Articular--metabolism--ME; Centrifugation; Density Gradient; Chondroitin Sulfates--biosynthesis--BI; Collagen--biosynthesis--BI; DNA--metabolism--ME; Hyaluronic Acid--metabolism--ME; Hyaluronic Acid--pharmacology--PD; Models, Biological; Osteoarthritis--metabolism--ME; Protein Conformation; Proteoglycans--biosynthesis--BI; Proteoglycans--isolation and purification--IP; Water--metabolism--ME

CAS Registry No.: 0 (Proteoglycans); 7732-18-5 (Water); 9004-61-9 (Hyaluronic Acid); 9007-28-7 (Chondroitin Sulfates); 9007-34-5 (Collagen); 9007-49-2 (DNA)

□

□

THIS PAGE BLANK (USPTO)

25/8/90 (Item 63 from file: 155)
DIALOG(R)File 155: MEDLINE(R)
□

02419951 76277860 PMID: 134699

The electrophoretic heterogeneity of bovine nasal cartilage proteoglycans.

Aug 1 1976

Tags: Animal

Descriptors: *Cartilage--analysis--AN; *Glycosaminoglycans--analysis--AN;

*Proteoglycans--analysis--AN; Cattle; Collagen--analysis--AN;

Electrophoresis, Cellulose Acetate; Electrophoresis, Polyacrylamide Gel;

Hyaluronic Acid--analysis--AN; Nose; Sodium Dodecyl Sulfate

CAS Registry No.: 0 (Glycosaminoglycans); 0 (Proteoglycans); 151-21-3

(Sodium Dodecyl Sulfate); 9004-61-9 (Hyaluronic Acid); 9007-34-5

(Collagen)

□

THIS PAGE BLANK (USPTO)

25/8/91 (Item 64 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
□

02318216 76139052 PMID: 176005

Studies on hyaluronic acid. V. Relationship between the protein content
and viscosity of rooster comb dermis hyaluronic acid.

1975

Tags: Animal; Male; Support, U.S. Gov't, P.H.S.

Descriptors: Hyaluronic Acid--analysis--AN; Amino Acids--analysis
--AN; Chickens; Histidine--analysis--AN; Lysine--analysis--AN; Microbial
Collagenase; Pronase; Proteins--analysis--AN; Viscosity

CAS Registry No.: 0 (Amino Acids); 0 (Proteins); 56-87-1 (Lysine);
71-00-1 (Histidine); 9004-61-9 (Hyaluronic Acid)

Enzyme No.: EC 3.4.24.- (Pronase); EC 3.4.24.3 (Microbial Collagenase)

? ds

□

Set Items Description
S1 586041 COLLAGEN OR ALBUMIN OR FIBRINOGEN OR FIBRONECTIN OR VITRON-
ECTIN OR LAMININ
S2 63745 "HYALURONIC ACID" OR DEXTRAN OR "CHONDROITIN SULFATE" OR "-
DERMATAN SULFATE" OR KERATAN SULFATE"
S3 65043 "HYALURONIC ACID" OR DEXTRAN OR "CHONDROITIN SULFATE" OR "-
DERMATAN SULFATE" OR "KERATAN SULFATE"
S4 146602 HEPARIN OR "HEPARAN SULFATE" OR CHITOSAN OR CHITIN OT ALGI-
NATE
S5 205805 S3 OR S4
S6 66218 CROSSLINK? OR CROSS-LINK?
S7 714040 LAYER?
S8 192339 PORE? OR POROUS? OR POROS?
S9 1121342 DENSE OR DENSITY OR MICRON?
S10 1502 COLLAGEN AND (HYALURONATE OR "HYALURONIC ACID")
S11 82282 ALDEHYD?
S12 52 "DIVINYL SULFONE"
S13 22857 S1 AND S5
S14 0 S13 AND S6 AND S6=7
S15 25 S13 AND S6 AND S7
S16 405 S13 AND S8
S17 1502 S13 AND S9
S18 1088 S13 AND S10
S19 60 S13 AND S11
S20 1 S13 AND S12
S21 71 S16 AND (S17 OR S18)
S22 118 S17 AND (S16 OR S18)
S23 91 S18 AND (S16 OR S17)
S24 138 S21 OR S22 OR S23
S25 91 S24 AND S10